TIONAL SEARCH REPORT

tional Application No. PCT/US 00/26933

A. CLASSIFICATION OF SUBJECT IPC 7 F26B21/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7\ F26B$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	ENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GLENN C. EBEY: "A Thermodynamic model for aqueous film-coating" PHARMACEUTICAL TECHNOLOGY, April 1987 (1987-04), page 40,42,43,46,48,50 XP002156193 cited in the application the whole document	.1,22,40, 59,62, 64,67,71
Α	WO 99 18405 A (ASEA BROWN BOVERI ;SIGVANT ROGER (SE); FORSMAN KRISTER (SE)) 15 April 1999 (1999-04-15) the whole document	59,64,71
A	EP 0 656 515 A (INNOVATHERM PROF DR LEISENBERG) 7 June 1995 (1995-06-07) the whole document /	59,64,71

[
Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date 1L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 		
Date of the actual completion of the international search	Date of mailing of the international search report		
21 December 2000	11/01/2001		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Silvis, H		

1

TEN HONAL SEAHOR HELDIN

Int cional Application No PCT/US 00/26933

	ation) DOCUMENTS CO. FRED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Tight Fam to ordin 140.
A	EP 0 651 219 A (BRITISH CERAMIC SERVICE CO) 3 May 1995 (1995-05-03) the whole document	59,64,71
A	US 4 704 805 A (KAYA AZMI ET AL) 10 November 1987 (1987-11-10) the whole document	59,64,71
Α	DE 28 27 843 A (BOLLMANN L KG) 17 January 1980 (1980-01-17) the whole document	67
Α	EP 0 437 888 A (UNILEVER NV ;UNILEVER PLC (GB)) 24 July 1991 (1991-07-24)	
A	GB 2 177 785 A (HALLE ZIEGELWERKE) 28 January 1987 (1987-01-28)	
Α	US 4 953 298 A (CARTER JOHN L ET AL) 4 September 1990 (1990-09-04)	
A	US 4 471 424 A (PERSSON GLEELYNN W) 11 September 1984 (1984-09-11)	
	,	
	··	

1

Information on patent family members

PCT/US 00/26933

Patent document cited in search report		Publication date	Patent fa member(s,	Publication date
WO 9918405	Α	15-04-1999	SE 512787 C	15-05-2000
	••		AU 9468598 A	27-04-1999
			DE 19882708 T	26-10-2000
			SE 9703611 A	04-04-1999
EP 0656515	 А	07-06-1995	DE 4340940 A	08-06-1995
			AT 182979 T	15-08-1999
			DE 59408577 D	09-09-1999
EP 0651219	Α	03-05-1995	NONE	
US 4704805	Α	10-11-1987	AU 586125 B	29-06-1989
			AU 7889187 A	28-04-1988
			CA 1275716 A	30-10-1990
			CN 87106973 A	03-08-1988
			EP 0265215 A	27-04-1988
			IN 167694 A	08-12-1990
			JP 63111514 A	16-05-1988
			MX 160711 A	23-04-1990
DE 2827843	Α	17-01-1980	NONE	,
EP 0437888	 А	24-07-1991	AU 634013 B	11-02-1993
			AU 6931591 A	18-07-1991
			BR 9100149 A	22-10-1991
			CA 2034208 A,C	17-07-1991
			DE 69023629 D	21-12-1995
			DE 69023629 T	02-05-1996
			ES 2080105 T	01-02-1996
			JP 4219101 A	10-08-1992
			JP 7051202 B	05-06-1995
			KR 9506500 B	16-06-1995
•			ZA 9100326 A	30-09-1992
GB 2177785	Α	28-01-1987	AT 386405 B	25-08-1988
			AT 103586 A	15-01-1988
•			DE 3611563 A	18-12-1986
			FR 2582644 A	05-12-1986
			HU 42039 A,B	29-06-1987
US 4953298	Α	04-09-1990	NONE	
US 4471424	 А	11-09-1984	NONE	

PATENT COOPERATION TREATY

From the INTERI	IATIONAL	BUREAU
-----------------	----------	--------

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

To:

Commissioner US Department of Commerce United States Patent and Trademark Office, PCT 2011 South Clark Place Room CP2/5C24 Arlington, VA 22202

ETATS-UNIS D'AMERIQUE Date of mailing (day/month/year) 31 May 2001 (31.05.01)

in its capacity as elected Office

International application No. PCT/US00/26933 International filing date (day/month/year) Applicant's or agent's file reference PU3807WO

29 September 2000 (29.09.00)

Priority date (day/month/year) 29 September 1999 (29.09.99)

Applicant

CAMPBELL, Dwayne, A. et al

1.	The designated Office is hereby notified of its election made:
	X in the demand filed with the International Preliminary Examining Authority on:
	30 March 2001 (30.03.01)
	in a notice effecting later election filed with the International Bureau on:
2.	The election X was
	was not
	made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).
İ	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Claudio Borton

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38

PATENT COOPERA	TION TREATY			
From the INTERNATIONAL SEARCHING AUTHORITY To: GLAXO WELLCOME INC Attn. Levy, David J. Five Moore Drive, PO Box 13398 Research Triangle Park North Carolina 27709-3398 UNITED STATES OF MER MARK	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT UAL PROPERTY OR THE DECLARATION			
	Date of mailing (day/month/year) 11/01/2001			
Applicant's or agent's file reference PU3807W0	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No.	International filing date (day/month/year) 29/09/2000			
PCT/US 00/26933 Applicant GLAXO GROUP LIMITED et al.				
The applicant is hereby notified that the International Search Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the clain When? The time limit for filing such amendments is normal international Search Report; however, for more defined. Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41–22) 740.14.33. For more detailed instructions, see the notes on the access.	ns of the International Application (see Rule 46): ally 2 months from the date of transmittal of the stails, see the notes on the accompanying sheet.			
2. The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.				
3. With regard to the protest against payment of (an) addition the protest together with the decision thereon has be applicant's request to forward the texts of both the protest together with the decision thereon has be	en transmitted to the International Bureau together with the bitest and the decision thereon to the designated Offices.			
no decision has been made yet on the protest; the ap	plicant will be notified as soon as a decision is made.			
4. Further action(s): The applicant is reminded of the following: Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication. Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant later).				
Within 20 months from the priority date, the applicant must per	form the prescribed acts for entry into the national phase the demand or in a later election within 19 months from the			
priority date or could not be elected because they are not boo	nd by Oneper II.			
Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentiaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Pieter Nijhuijs			



These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the international Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

The letter must indicate the differences between the claims as filed and the claims as amended, it must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
 "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1))

The statement will be published with the international application and the amended claims.

It must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide

JAN 2 3 2001 GLOBAL INTELLECTUAL PROPERTY

PATENT COOPERATION TREATY

PCT



INTERNATIONAL SEARCH REPORT

pdy 01/23/01	(PCT Article 18 and Rules 43 and 44)	
Applicant's or agent's file reference	FOR FURTHER see Notification of (Form PCT/ISA/2	of Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 00/26933	29/09/2000	29/09/1999
Applicant		
GLAXO GROUP LIMITED et al	-	
according to Article 18. A copy is being tra This International Search Report consists		
Basis of the report		
a. With regard to the language, the	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the
Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of t	
b. With regard to any nucleotide ar was carried out on the basis of th	id/or amino acid sequence disclosed in the in	nternational application, the international search
· —	onal application in written form.	
filed together with the inte	ernational application in computer readable for	m.
furnished subsequently to	this Authority in written form.	
	this Authority in computer readble form.	
international application a	bsequently furnished written sequence listing o as filed has been furnished.	
the statement that the inf furnished	ormation recorded in computer readable form	s identical to the written sequence listing has been
2. Certain claims were fou	ind unsearchable (See Box I).	
3. Unity of invention is lac	·	
4. With regard to the title ,		
X the text is approved as s	ubmitted by the applicant.	
the text has been establi	shed by this Authority to read as follows:	
5. With regard to the abstract,		
1	ubmitted by the applicant.	
the text has been establi		ity as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be put	olished with the abstract is Figure No.	
as suggested by the app	licant.	X None of the figures.
because the applicant fa	iled to suggest a figure.	
because this figure bette	r characterizes the invention.	

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

Levy, David J. GLAXO WELLCOME INC Five Moore Drive, PO Box 13398 Research Triangle Park North Carolina 27709-3398

North Carolina 27709-3398
ETATS-UNIS D'AMERIQUE

PTOMPOT Record 2.5 1100 2002

I PSS CP
PM PM

2001 NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing (day/month/year)

30.10.2001

Applicant's or agent's file reference

PU3807WO

IMPORTANT NOTIFICATION

International application No. PCT/US00/26933

International filing date (day/month/year) 29/09/2000

Priority date (day/month/year) 29/09/1999

Applicant

GLAXO GROUP LIMITED et al.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx

Tel. +49 89 2399 - 0 Tx: 523656 epmu d

Fax: +49 89 2399 - 4465

Express Mail Label No. EV022190655US

Authorized officer

Sääw, S



Tel.+49 89 2399-7297

PATENT COOPERATION (REATY





INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's	or agent's file reference	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
PU3807WO			
International application No. International filing		International filing date (day/month/ye	
PCT/US0	00/26933	29/09/2000	29/09/1999
Internationa	al Patent Classification (IPC) or	national classification and IPC	
F26B21/0	06		
Applicant			
GLAXO	GROUP LIMITED et al.		
	t and areliminant ov	amination report has been prepared b	y this International Preliminary Examining Authority
1. This i	nternational preliminary ex s transmitted to the applica	nt according to Article 36.	,
2. This	REPORT consists of a tota	of 4 sheets, including this cover she	et.
l .			ì
1 .		hacie for this renort and/or streets cor	description, claims and/or drawings which have ntaining rectifications made before this Authority to under the PCT)
	see Rule 70.16 and Sectio	n 607 of the Administrative Instruction	s under the PCT).
ŀ	e annexes consist of a tota		
ines	e annexes consist of a total	101 31100.0.	
	t		
3. This	report contains indications	relating to the following items:	
	☑ Denie of the report		
	☑ Basis of the report☐ Priority		
11	☑ Non-establishment	of opinion with regard to novelty, inve	ntive step and industrial applicability
l iv	☐ Look of unity of inv	ention	
V	☐ Reasoned stateme	nt under Article 35(2) with regard to no nations suporting such statement	ovelty, inventive step or industrial applicability;
VI			
VII		he international application	
VIII	☐ Certain observation	ns on the international application	
Date of s	ubmission of the demand	Date of co	ompletion of this report
		30.10.20	01
30/03/2	001	30.10.20	
Name en	d mailing address of the intern	ational 'Authorize	ed officer
prelimina	ry examining authority:		
3	European Patent Office D-80298 Munich	Frank,	н 🖫 💯 🐉
<i>9</i>	Tel. +49 89 2399 - 0 Tx: 5	23656 epmu d	* ROA13 23:400 - 32:40 V
	Fax: +49 89 2399 - 4465] Telephor	ne No. +49 89 2399 2695

INTERNATIONAL PAZIMINARY EXAMINATION REPORT

I.	Basis	of the	report
----	--------------	--------	--------

		is of the topert	title been been furnished to			
1.	the r and	indian Office in	nents of the international application (Replacement sheets which have been furnished to response to an invitation under Article 14 are referred to in this report as "originally filed" this report since they do not contain amendments (Rules 70.16 and 70.17)):			
	1-27		as originally filed			
	Clai	ms, No.:				
	1-74	ļ.	as originally filed			
	Drav	wings, sheets:				
	1/4-	4/4	as originally filed			
2.	With lang	n regard to the lan q uage in which the	guage, all the elements marked above were available or furnished to this Authority in the international application was filed, unless otherwise indicated under this item.			
	These elements were available or furnished to this Authority in the following language: , which is:					
		the language of a	translation furnished for the purposes of the international search (under Rule 23.1(b)).			
		the language of p	ublication of the international application (under Rule 48.3(b)).			
		the language of a 55.2 and/or 55.3)	translation furnished for the purposes of international preliminary examination (under Rule			
3.	With inte	n regard to any nu rnational prelimina	cleotide and/or amino acid sequence disclosed in the international application, the ry examination was carried out on the basis of the sequence listing:			
		contained in the i	nternational application in written form.			
		filed together with	the international application in computer readable form.			
			uently to this Authority in written form.			
	furnished subsequently to this Authority in computer readable form.					
		the international a	at the subsequently furnished written sequence listing does not go beyond the disclosure in application as filed has been furnished.			
		The statement th listing has been f	at the information recorded in computer readable form is identical to the written sequence urnished.			
4.	. The	e amendments hav	re resulted in the cancellation of:			
		the description,	pages:			
		the claims,	Nos.:			

		the drawings,	sheets:	
5	. 🗆	This report has been considered to go bey	established as if (some of) the amendments had not been made, since they have been yound the disclosure as filed (Rule 70.2(c)):	
		(Any replacement sh report.)	neet containing such amendments must be referred to under item 1 and annexed to this	
6.	Ad	ditional observations, i	f necessary:	
Ш	. No	n-establishment of o _l	pinion with regard to novelty, inventive step and industrial applicability	
1.	1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:			
	×	the entire international	·	
		claims Nos		
be	caus	se:		
		the said international not require an interna	application, or the said claims Nos. relate to the following subject matter which does tional preliminary examination (<i>specify</i>):	
	⊠		s or drawings (<i>indicate particular elements below</i>) or said claims Nos. are so unclear inion could be formed (<i>specify</i>):	
		the claims, or said cla	ims Nos. are so inadequately supported by the description that no meaningful opinion	
		no international searc	h report has been established for the said claims Nos	
2.	and	eaningful international /or amino acid sequend ructions:	preliminary examination cannot be carried out due to the failure of the nucleotide ce listing to comply with the standard provided for in Annex C of the Administrative	
		the written form has n	ot been furnished or does not comply with the standard.	
		the computer readable	e form has not been furnished or does not comply with the standard.	

<u>Ad Item III</u> - Non establishment of opinion with regard to novelty, inventive step and industrial applicability

1. Although claims 1, 22, 40, 59, 62, 64, 67 and 71 have been drafted as separate independent claims, they appear to relate effectively to the same subject-matter and to differ from each other only with regard to the definition of the subject-matter for which protection is sought. The aforementioned claims therefore lack conciseness. Moreover, lack of clarity of the claims as a whole arises, since the plurality of independent claims makes it impossible to determine the matter for which protection is sought, and places an undue burden on others seeking to establish the extent of the protection.

Hence, claims 1, 22, 40, 59, 62, 64, 67 and 71 do not meet the requirements of Article 6 PCT.

- 2. Furthermore, the generic term environmental equivalency calculator/controller in claim 1 is unclear. It would appear that this term might mean a standard calculator/controller used for controlling an evaporative drying process. In addition, the term "environmental equivalency" does not appear to be known as being an internationally accepted standard descriptive term but would appear to be vague and unclear leaving the reader in doubt as to the meaning of the technical feature to which it refers, thereby rendering the definition of the subject-matter of said claim unclear (Article 6 PCT).
- 3. Due to these unclarities it is not possible to perform an examination of the claimed invention as to novelty, inventive step and industrial application.

TO:
PCT Examination
International Bureau of WIPO
34 Chimin des Colombettes
1211 Geneva 20
Switzerland

Correction to PCT Request before expiration of 30th Month

Fax: 011 41 22 740 1435

Applicant's File Reference	Applicant		
PU3807WO	Glaxo Group Limited		
International Application No.	International Filing Date:		
PCT/US00/26933	29 September 2000		
30th Month Deadline:	Title: Method and Systems for Controlling		
29 March 2002	Evaporative Drying Processes Using		
	Environmental Equivalency		

Please correct the following

Box III.1 Please change the address of inventor Dwayne A, CAMPBELL

From

Glaxo Wellcome Inc., Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Change to

GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Box III.3 Please change the address of inventor Raymond E. POPE

Fron

Glaxo Wellcome Inc., Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Change to

GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Box III.4 Please change the address of inventor Robert Allen STAGNER

From

Glaxo Wellcome Inc., Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Change to

GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Box IV-1 Please change the address of US agents:

Fron

Glaxo Wellcome Inc., Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Change to

GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709, US

Please acknowledge receipt of this request by return confirmation to (919) 483-7988 in the United States or mail to the following address:

David J. Levy, VP GlaxoSmithKline Corporate Intellectual Property Department Five Moore Drive, PO Box 13398 Research Triangle Park, NC 27709

If there should be questions, please call (919) 483-2252.

Thank you. Sincerely,

James P. Riek, Agent for the Applicant

20 Feb 2002

Date

Express Mail Label No. EV022190655US





The undersigned requests that the present

For it. ving Office use only	_
nternational Agreemon No.	
	_
nternational Filing Date	
Name of receiving Office and "PCT International Application"	

international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"
	Applicant's or agent's file reference (if desired) (12 characters maximum)
Box No. I TITLE OF INVENTION Methods and Systems for Controlling Evaporative Drying P	rocesses Using Environmental Equivalency
Box No. II APPLICANT	
Name and address: (Familynamefollowedby given name; for a legalet The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of residence of the State of t	yof the address indicated in this This person is also inventor.
State (that is, country) of nationality: GB	State (that is, country) of residence: GB
	d States except the United States the States indicated the States of America only the Supplemental B
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	
The addressmust includepostal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of residence in CAMPBELL, Dwayne A. c/o Glaxo Wellcome Inc. Five Moore Drive, PO Box 13398 Research Triangle Park, NC 27709 US	This person is: applicant only applicant and inventor inventor only (If this check-be is marked, do not fill in below
State (that is, country) of nationality:	State (that is, country) of residence: US
for the purposes of: States the United States Further applicants and/or (further) inventors are indicated or	cd States except States of America only the States indicated the Supplemental B a continuation sheet.
	c; OR ADDRESS FOR CORRESPONDENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	as: agent common representativ
Name and address: (Family name followed by given name; for designation. The address must include postal LEVY, David J.; DADSWELL, Charles, E.; GRASSLER, Fra RIEK, James P.; PRUS, Karen, L; SELBY, Elizabeth; MOR BENNETT, Virginia, C.; ROGERS, Christopher R.; DEPPEL LEMANOWICZ, John L. all Glaxo Wellcome Inc., Five Moo Research Triangle Park, NC 27709-3398, US	ank P.; BRINK, Robert H.; GAN, Lorie Ann; NBROCK, Bonnie L. and
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	
Form PCT/RO/101 (first sheet) (July 1998; reprint July 2000)	LegalStar2000,FormPCTREQ See Notes to the request f

Sheet No2					
Continuation of Box FURTHER APPLICANTS	AND/OR (FURTHER)	INVENTOR(S)			
If none of the following sub-boxes is used, this sheet is now to be included in the request.					
Name and address: (Familynamefollowedby given name; for a legal entit The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of reside MARRANCA, Joseph T. 3917 Brinkman Drive, Wilmington, NC 28405	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)				
State (that is, country) of nationality: US	State (that is, country) of re	esidence:			
This person is applicant all designated all designated States all designated States		ted States the States indicated in the Supplemental Box			
Name and address: (Familynamefollowedby given name; for a legal entity. The addressmust include postal code and name of country. The country of Box is the applicant's state (that is, country) of residence if no State of reside POPE, Raymond E. c/o Glaxo Wellcome Inc. Five Moore Drive, PO Box 13398 Research Triangle Park, NC 27709 US	the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
State (that is, country) of nationality: US	State (that is, country) of re US	sidence:			
This person is applicant all designated all designated States all designated States		ted States the States indicated in the Supplemental Box			
Name and address: (Familynamefollowedby given name; for a legalentity The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence STAGNER, Robert Allen c/o Glaxo Wellcome Inc. Five Moore Drive, PO Box 13398 Research Triangle Park, NC 27709 US	y, full officialdesignation. The address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
State (that is, country) of nationality: US	State (that is, country) of re	esidence:			
This person is applicant all designated all designated S the United States	States except the Universion of America	ted States the States indicated in the Supplemental Box			
Name and address: (Familynamefollowedby given name; for a legal entit The addressmust includepostal code and name of country. The country of Box is the applicant'sState(that is, country)of residenceif no State of reside	the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
State (that is, country) of nationality:	State (that is, country) of re	sidence:			
This person is applicant all designated all designated States all designated States		ted States the States indicated in the Supplemental Box			
Further applicants and/or (further) inventors are indicated on another continuation sheet.					

Form PCT/RO/101 (continuation sheet) (July 1998; reprint July 2000)

LegalStar2000,FormPCTREQ

See Notes to the request form

Box	No.V	DESIGNATION OF STATES				
The following designations reby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked): Regional Patent						
×	AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Leone. SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT					
Ø	EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT					
Ø	EP European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European					
	P	atent Convention and of the PCT				
×	OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côle d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)					
	ional	Patent (if other kind of protection or treatment desired,	speci	fy on	dotted line):	
\boxtimes	ΑE	United Arab Emirates	\boxtimes	LC	Saint Lucia	
\boxtimes	AG	Antigua and Barbuda	\boxtimes		Sri Lanka	
	AL	Albania			Liberia	
	AM	Armenia	•		Lesotho	
Κ.	AT	Austria			Lithuania	
ΚZ.	AU	Australia	_		Luxembourg	
\boxtimes	AZ	Azerbaijan	X		Latvia	
\boxtimes	BA BB	Bosnia and Herzegovina	\boxtimes		Morocco	
X	BG	Bulgaria			Republic of Moldova	
X	BR	Brazil	_		Madagascar The former Yugoslav Republic of Macedonia	
\boxtimes	BY	Belarus	×		Mongolia	
	BZ	Belize	×		Malawi	
X	CA	Canada			Mexico	
Ø		and LI Switzerland and Liechtenstein	Ø		Mozambique	
\boxtimes	CN	China	\boxtimes		Norway	
\boxtimes	CR	Costa Rica	\boxtimes		New Zealand	
\boxtimes	CU	Cuba	\boxtimes	PL	Poland	
\boxtimes	CZ	Czech Republic		PT	Portugal	
\boxtimes	DE	Germany	•	RO	Romania	
\boxtimes	DK	Denmark	\boxtimes	RU	Russian Federation	
\boxtimes	DM	Dominica	\boxtimes	SD	Sudan	
\boxtimes	DZ	Algeria		SE	Sweden	
\boxtimes	EE	Estonia		SG	Singapore	
\boxtimes	ES	Spain		SI	Slovenia	
	FI	Finland		SK	Slovakia	
	GB	United Kingdom	Ø	SL	Sierra Leone	
\boxtimes	GD	Grenada	\boxtimes	TJ	Tajikistan	
	GE	Georgia	\boxtimes		Turkmenistan	
\boxtimes	GH	Ghana	\boxtimes		Turkey	
X	GM	Gambia	Ø	TT	Trinidad and Tobago	
	HR HU	Croatia	\boxtimes		United Republic of Tanzania	
X	ID	Hungary Indonesia	\boxtimes	UA	**	
X	IL	Israel	\boxtimes	US	United States of America	
X	IN	India	\boxtimes	UZ	Uzbekistan	
\boxtimes	IS	Iceland	×		Viet Nam	
X	JP	Japan	\boxtimes		Yugoslavia	
\boxtimes	KE	Kenya	\boxtimes		South Africa	
\boxtimes	KG	Kyrgyzstan	\boxtimes		Zimbabwe	
\boxtimes	KP	Democratic People's Republic of Korea	Chec	·k-bov	es reserved for designating States which have become	
\boxtimes	KR	Republic of Korea	party	to th	e PCT after issuance of this sheet:	
\boxtimes	ΚZ	Kazakhstan				
reca other	ution desig	ary Designation Statement: In addition to the design	ations	mad v de	e above, the applicant also makes under Rule 4.9(b) all signation(s) indicated in the Supplemental Box as being	
exclu	ded fr	om the scope of this statement. The applicant declare	s that	those	additional designations are subject to confirmation and	
hat a	ıny de	signation which is not confirmed before the expiration	of 15	mont	hs from the priority date is to be regarded as withdrawn	

by the applicant at the expiration of that time limit. (Confirmation(including fees) must reach the receiving Office within the 15-month time

Supplemental Box is not used, this sheet need not

luded in the request.

If, in any of the Boxes, the space is insufficient to furnish all the information. In such case, write "Continuation of Box No. ..." [indicate the number of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:

- if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.
- if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Box No. III" (as the case may be), indicate the name of the inventor(s) and next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- if, in addition to the agent(s) indicated in Box IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- if. in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI;
- if, in Box No. VI, the earlier application is an ARIPO application: in such case, write "Continuation of Box No. VI", specify the number of the item corresponding to that earlier application and indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed.
- 2. If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.
- 3. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to lack of novelty: in such case, write "Statement concerning non-prejudical disclosures or exceptions to lack of novelty" and furnish that statement below.

Continuation of Box IV:

HESKETH, Alan (GB); CRAWLEY, Karen (GB); DOLTON, Peter I. (GB); DAWSON, Hugh B. (GB); FILLER, Wendy Anne (GB); FISHER, Christiane Elizabeth (GB); HACKETT, Ruth Elizabeth (GB); HAMMETT, Audrey G. C. (GB); HOCKLEY, Siân Catherine (GB); LANE, Graham M. H. (GB); LEAROYD, Stephanie Anne (GB); QUILLIN, Helen Kaye (GB); REED, Michael A. (GB); REES, Marion (GB); STOTT, Michael John (GB); STUART, Graham (GB); TEUTEN, Andrew J. (GB); THORNLEY, Rachel M. (GB); and VOLCKMAN, Janis Florence (GB) c/o Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 ONN, Great Britain

Continuation of Box VIII:

Inventor Joseph T. MARRANCA was unavailable for signature of POA at this time. A second transmission to be filed.

Christopher P. Rogers

Agent for Applicant

Box No. VI PRIORITY C	LAIM		Further priori	ity claims are indicated in	the Supplemental Box.		
Filing date Number			value earlier application is:				
of earlier application (day/month/year)	of earlier applicat	na na	tional application: country	onal application:* regional Office	international application: receiving Office		
item (1) 29/09/99 29 September 1999	60/156,673	us					
item (2)							
item (3)					_		
of the earlier application	n(s) (only if the ear international applica	lier applica	tion was filed wit eceiving Office) id	th the Office which for the office which for the office which for the onlined above as item(s): ntalBox at least one country parolementalBox.	e (1)		
Box No. VII INTERNATIO	NAL SEARCHING	G AUTHO	RITY				
Choiceof Internationa Searching (if two or more International Se competentio carry out the internat Authoritychosen; the two-lettercod	earching Authorities a tionalsearch, indicatet	re searci		earliersearch; referenceto by or requested from the Internati Number Co			
ISA/EP							
Box No. VIII CHECK LIST	Γ: LANGUAGE OF	FILING					
This international application of the following number of sheets		national app calculation :	-	panied by the item(s) mark	ked below:		
request :	5 2. 🛭 sepa	rate signed	power of attorney	Campbell, Pope	, Stagner		
description (excluding sequence listing part)	27	-	power of attorney	; reference number, if any	:		
claims :	44 —	•	-	Box No. VI as item(s):			
abstract :	11 —			ation into (language):			
drawings :	4		• •	eposited microorganism or	other biological material		
sequence listing part of description :	8. 🔲 nucl	eotide and/o		ence listing in computer r			
Total number of sheets:	48	1					
Figure of the drawings which should accompany the abstract:		Language internation	of filing of nal application:		lish		
Box No. IX SIGNATURE	OF APPLICANT O	R AGENT					
Next to each signature, indicate obvious from reading the request	the name of the per	(stopher P. Roge	Plogu	ns (if such capacity is not		
Date of actual receipt of the	Fo	r receiving	Office use only		2. Drawings:		
international application: 3. Corrected date of actual received papers or drawn and actual received papers or drawn and actual received papers.	wings completing th	e			received:		
purported international applie Date of timely receipt of the corrections under PCT Articl	required				not received:		
5. International Searching Auth (if two or more are competen	ority ICA/			stal of search copy delayed			
		late-sti					
Date of receipt of the record cop by the International Bureau:		internation	al Bureau use onl	у ————			

Form PCT/RO/101 (last sheet) (July 1998; reprint July 2000)

LegalStar2000, Form PCTREQ

See Notes to the request form